



CALIFORNIA WATER BOARD

California State Government - equal opportunity to all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age or sexual orientation. It is an objective of the State of California to achieve a drug-free state work place. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

EXAMINATION ANNOUNCEMENT ENGINEERING GEOLOGIST OPEN – STATEWIDE CONTINUOUS TESTING

HOW TO APPLY

The Supplemental Application/Examination may be downloaded by connecting to:

www.waterboards.ca.gov/employment/exams/docs/egexam.pdf

If you do not have Internet access, you may obtain a copy from any of the Regional Water Quality Control Boards throughout the state or from the State Water Resources Control Board, Personnel Office, 1001 I Street, 18th Floor, Sacramento.

This is a special application/examination form designed exclusively for the Engineering Geologist. **It replaces the Examination/Application (Form 678) and oral examination.**

The Supplemental Application/Examination may be filed in person or by mail with:

STATE WATER RESOURCES CONTROL BOARD
PERSONNEL OFFICE - Exams
1001 I STREET, 18th FLOOR
SACRAMENTO, CA 95814

TEST DATES ARE SET BY THE STATE WATER RESOURCES CONTROL BOARD. TESTING IS CONSIDERED CONTINUOUS AS DATES CAN BE SET AT ANY TIME AND ELIGIBLE LISTS ARE MERGED.

SALARY RANGES:

Engineering Geologist - Range A	\$3574 - \$4136
Engineering Geologist - Range B	\$4091 - \$4969
Engineering Geologist - Range C	\$4880 - \$5932
Engineering Geologist - Range D	\$5144 - \$6253

Range A - This range shall apply to incumbents who do not meet the criteria for Range B, C or D.

Range B - This range shall apply to incumbents who have satisfactorily completed either (1) one year in California state service as an Engineering Geologist, Range A; or (2) two years of professional engineering geological experience including one year of actual detailed field study applicable to the solution of groundwater or civil engineering problems; or (3) possession of a Master's Degree in Geology or Engineering Geology. This is in addition to any degree used to qualify for the Engineering Geologist examination.

Range C - This range shall apply to incumbents who have satisfactorily completed either (1) two years in the California state service as an Engineering Geologist, Range B; or (2) four years of professional engineering geological experience outside of the state service, including two years of actual detailed field study applicable to the solution of groundwater or civil engineering problems.

Range D - This range will apply to incumbents who meet the criteria for Range C and who possess a valid certificate of registration as a professional geologist or geophysicist issued by the California Board of Geologists and Geophysicists.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

Education: Equivalent to graduation from college with major work in geology, engineering geology, or a closely related field that includes course work in geology. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.) (Registration as a senior in a recognized institution will admit applicants to the Engineering Geologist examination, but they must produce evidence of graduation or its equivalent before they can be considered eligible for appointment.)

SUPPLEMENTAL APPLICATION/EXAMINATION – WEIGHTED 100%

Candidates who feel they meet the Requirements for Admittance to the Examination (minimum qualifications) will be required to complete a supplemental application. This application is designed to elicit a range of specific information regarding each candidate's knowledge, abilities, and potential to effectively perform the duties of an Engineering Geologist.

Vacancies are anticipated at the State Water Resources Control Board in Sacramento and at the Regional Water Quality Control Boards in various locations throughout the state.

THE POSITION

Engineering Geologist performs hydrologic and engineering geology duties related to Federal and State environmental requirements. Duties may include review, design, evaluation and citing of facilities, oversee or conduct field activities, monitoring and clean-up of pollution. May include inspections, and the review and preparation of geological reports.. Tasks may include evaluation of stream alteration & flow, groundwater discharges to surface water, erosion control and other related work as required.

EXAMINATION INFORMATION

INTERVIEWS WILL NOT BE HELD. This examination will consist of the supplemental application weighted 100%. To obtain a position on the eligible list, applicants must achieve a minimum rating of 70% on the supplemental application.

A candidate may be tested only once within a 12 month period.

SCOPE OF THE SUPPLEMENTAL APPLICATION/EXAMINATION:

- A. Knowledge of:
 - 1. Stratigraphic, structural, historical, and economic geology as related to civil engineering projects.
 - 2. Geological processes and survey techniques, equipment, and procedures.
 - 3. Fundamental principles of mineralogy, petrography, soil mechanics, and hydrogeology.
 - 4. Photogeology, geological mapping and drafting, and the application of geology to engineering problems.
 - 5. Geological literature.
 - 6. Subsurface exploration and sampling procedures.
- B. Ability to:
 - 1. Conduct geological and geophysical exploration investigations.
 - 2. Conduct independent technical research work.
 - 3. Make, record, and evaluate observations on geological engineering problems.
 - 4. Make accurate tests, observations, and measurements.
 - 5. Analyze situations accurately and take effective action.

Eligible List Information:

Names of successful competitors are merged into the list in order of final scores, regardless of date. Eligibility expires after 12 months.

Veterans preference will be granted in this examination.

Questions: If you have any questions, concerning this announcement or the process, please contact the State Water Resources Control Board, Examination Unit, at (916) 341-5127.